

IMAGE IFW  
2122#

Attorney's Docket No. 042390.P9771

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )

Gilbert Neiger, et al. )

Application No.: 09/752,133 )

Filed: December 27, 2000 )

For: A VIRTUAL TRANSLATION LOOKASIDE  
BUFFER )

Examiner: Das. C.

Art Unit: 2122

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on January 19, 2005.

(Date of Deposit)

Michelle Begay

(Typed or printed name of person mailing correspondence)

Michelle B.  
(Signature of person mailing correspondence)

01/25/2005 SSANDARA 00000007 09752133 180.00 OP  
01 FC:1806

has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

\_\_\_\_\_ 37 C.F.R. §1.97(b).

\_\_\_\_\_ 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

\_\_\_\_\_ A statement pursuant to 37 C.F.R. §1.97(e) or

\_\_\_\_\_ A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

X 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:

- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
- (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: January 19, 2005



Marina Portnova  
Reg. No. 45,750

12400 Wilshire Blvd.  
Seventh Floor  
Los Angeles, CA 90025  
(408) 720-8300



Attorney's Docket No. 042390.P9771

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Gilbert Neiger, et al.

Application No.: 09/752,133

Filed: December 27, 2000

For: A VIRTUAL TRANSLATION LOOKASIDE  
BUFFER

Mail Stop Issue Fee

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Examiner: Das. C.

Art Unit: 2122

STATEMENT UNDER 37 C.F.R. §1.97(e)

Sir:

I hereby certify (as indicated by an "X" to the left of the appropriate paragraph):

\_\_\_\_\_ That each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on January 19, 2005.

(Date of Deposit)

Michelle Begay

(Typed or printed name of person mailing correspondence)

Michelle Begay

(Signature of person mailing correspondence)


X

That no item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned attorney after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three months prior to the filing the Information Disclosure Statement.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: January 19, 2004

  
\_\_\_\_\_  
Marina Portnova  
Reg. No. 45,750

12400 Wilshire Blvd.  
Seventh Floor  
Los Angeles, CA 90025  
(408) 720-8300

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

JAN 21 2005

Sheet 1 of 3

Complete if Known

Application Number	09/752,133
Filing Date	December 27, 2000
First Named Inventor	Neiger, Gilbert
Group Art Unit	2122
Examiner Name	Das, Chameli

Attorney Docket No: 042390.P9771

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US-20020007456	01/17/2002	Peinado, Marcus , et al.	
	US-20020023032	02/21/2002	Pearson, Siani L., et al.	
	US-20030115453	06/19/2003	Grawrock, David W.	
	US-20030126442	07/03/2003	Glew, Andrew F., et al.	
	US-20030196085	10/16/2003	Lampson, Butler W., et al.	
	US-20040117539	06/17/2004	Bennett, Steve , et al.	
	US-3,699,532	10/17/1972	Schaffer, Harry G., et al.	
	US-4,207,609	06/10/1980	Luiz, Fernando A., et al.	
	US-4,319,233	03/09/1982	Matsuoka, Michihiro , et al.	
	US-4,403,283	09/06/1983	Myntti, Jon N., et al.	
	US-4,419,724	12/06/1983	Branigin, Michael H., et al.	
	US-4,621,318	11/04/1986	Maeda, A.	
	US-5,237,616	08/17/1993	Abraham, Dennis G., et al.	
	US-5,287,363	02/15/1994	Wolf, Paul I., et al.	
	US-5,628,023	05/06/1997	Bryant, Barbara J., et al.	
	US-5,668,971	11/16/1997	Neufeld, E. D.	
	US-5,684,948	11/04/1997	Johnson, James S., et al.	
	US-5,706,469	01/06/1998	Kobayashi, Souichi	
	US-5,740,178	04/14/1998	Jacks, Steven A., et al.	
	US-5,809,546	09/15/1998	Greenstein, Paul G., et al.	
	US-5,825,880	10/20/1998	Sudia, Frank W., et al.	
	US-5,919,257	07/06/1999	Trostle, Jonathan	
	US-5,935,242	08/10/1999	Madany, Peter W., et al.	
	US-5,944,821	08/31/1999	Angelo, Michael F.	

**EXAMINER****DATE CONSIDERED**

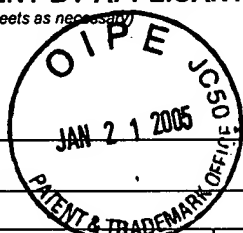
Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Sheet 2 of 3

Complete if Known

Application Number	09/752,133
Filing Date	December 27, 2000
First Named Inventor	Neiger, Gilbert
Group Art Unit	2122
Examiner Name	Das, Chameli

Attorney Docket No: 042390.P9771

	US-6,035,374	03/07/2000	Panwar, Ramesh , et al.	
	US-6,108,644	08/22/2000	Goldschlag, David M., et al.	
	US-6,327,652	12/04/2001	England, Paul , et al.	
	US-6,560,627	05/06/2003	McDonald, Michael F., et al.	
	US-6,609,199	08/19/2003	DeTreville, John	
	US-6,615,278	09/02/2003	Curtis, Bryce A.	
	US-6,651,171	11/18/2003	England, Paul , et al.	
	US-6,678,825	01/13/2004	Ellison, Carl M., et al.	
	US-6,684,326	01/27/2004	Cromer, Daryl C., et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
	EP-0602867	06/22/1994	Protheroe, Robert L., et al.		
	EP-EP0892521	01/20/1999	Zamek, Steven		
	EP-EP1055989	11/29/2000	Proudlar, Graeme J., et al.		
	EP-EP1056014	11/29/2000	Proudlar, Graeme J., et al.		
	EP-EP1209563	05/29/2002	England, Paul , et al.		
	WO-WO03058412	07/17/2003	Glew, Andrew , et al.		
	WO-WO9812620	03/26/1998	Nishiuchi, Taiki , et al.		
	WO-WO9965579	12/23/1999	Bond, Eugene T.		

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		CRAWFORD, JOHN , "Architecture of the Intel 80386", <u>Proceedings of the IEEE International Conference on Computer Design: VLSI in Computers and Processors (ICCD '86), (October 6, 1986), 155-160</u>	
		HP MOBILE SECURITY OVERVIEW, "HP Mobile Security Overview", (Sept. 2002), 1-10	
		IBM CORPORATION, "IBM ThinkPad T30 Notebooks", <u>IBM Product Specification, located at www-1.ibm.com/services/files/cisco t30 spec sheet 070202.pdf</u> , last visited June 23, 2004, (July 2, 2002), 1-6	
		INTEL CORPORATION, "Intel 82802AB/82802AC Firmware Hub (FWH)", <u>Intel Product Datasheet, Document Number 290658-004, (November 2000), 1-6, 17-28</u>	
		MENEZES, ALFRED J., et al., "Handbook of Applied Cryptography", <u>CRC Press Series on Discrete Mathematics and its Applications, Boca Raton, FL, XP002165287, ISBN 0849385237, (Oct. 1996), 403-405, 506-515, 570</u>	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

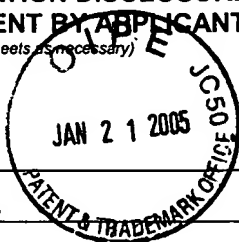
\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	09/752,133
Filing Date	December 27, 2000
First Named Inventor	Neiger, Gilbert
Group Art Unit	2122
Examiner Name	Das, Chameli

Sheet 3 of 3

Attorney Docket No: 042390.P9771

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		RSA SECURITY, "Hardware Authenticators", <a href="http://www.rsasecurity.com/node.asp?id=1158">www.rsasecurity.com/node.asp?id=1158</a> , 1-2	
		RSA SECURITY, "RSA SecurID Authenticators", <a href="http://www.rsasecurity.com/products/securid/datasheets/SID_DS_0103.pdf">www.rsasecurity.com/products/securid/datasheets/SID_DS_0103.pdf</a> , 1-2	
		RSA SECURITY, "Software Authenticators", <a href="http://www.rsasecurity.com/node.asp?id=1313">www.rsasecurity.com/node.asp?id=1313</a> , 1-2	
		SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithm, and Source Code in C", Wiley, John & Sons, Inc., XP002939871; ISBN 0471117099,(Oct. 1995),47-52	
		SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithm, and Source Code in C", Wiley, John & Sons, Inc., XP002138607; ISBN 0471117099,(Oct. 1995),56-65	
		SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithms, and Source Code C", Wiley, John & Sons, Inc., XP0021111449; ISBN 0471117099,(Oct. 1995),169-187	
		SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithms, and Source Code in C", 2nd Edition; Wiley, John & Sons, Inc., XP002251738; ISBN 0471128457,(Nov. 1995),28-33; 176-177; 216-217; 461-473; 518-522	

**EXAMINER****DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached